

## General Information

### Gene Name Synonym

Cytotoxic T-lymphocyte-associated antigen 8

### Protein Construction

A DNA sequence encoding the mature form of mouse IL17a (Q62386) (Thr 22-Ala158) was expressed and purified.

### Organism

Mouse

### Expression Host

E. coli

## QC Testing

### Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized recombinant mouse IL17a (Cat:503385) at 10 µg/mL (100 µl/well) can bind human IL17Ra-Fc2h (Cat:503306) with a linear range of 16-500 ng/mL.

### Purity

> 97 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant mouse IL17a consists of 138 amino acids and predicts a molecular mass of 15.5 KDa. It migrates as an approximately 16 KDa band in SDS-PAGE under reducing conditions.

### Formulation

- Lyophilized from sterile PBS, pH 7.4
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
  2. Please contact us for any concerns or special requirements.

## Usage Guide

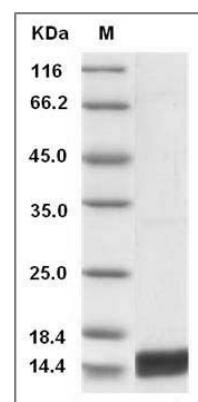
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Mouse IL17 / IL17A Protein SDS-PAGE